

Ye Chen

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

592
citations

567281

15
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature sensor based on an isopropanol-sealed photonic crystal fiber in-line interferometer with enhanced refractive index sensitivity. <i>Optics Letters</i> , 2012, 37, 863.	3.3	80
2	A miniature reflective micro-force sensor based on a microfiber coupler. <i>Optics Express</i> , 2014, 22, 2443.	3.4	53
3	Ultra-highly sensitive surface-corrugated microfiber Bragg grating force sensor. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	50
4	Teflon-coated microfiber resonator with weak temperature dependence. <i>Optics Express</i> , 2011, 19, 22923.	3.4	44
5	Ultra-Sensitive Refractive Index Sensor With Slightly Tapered Photonic Crystal Fiber. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1771-1774.	2.5	41
6	Miniature tapered photonic crystal fiber interferometer with enhanced sensitivity by acid microdroplets etching. <i>Applied Optics</i> , 2011, 50, 4328.	2.1	36
7	Platform for enhanced light-graphene interaction length and miniaturizing fiber stereo devices. <i>Optica</i> , 2014, 1, 307.	9.3	36
8	Self-Assembled Wavy Optical Microfiber for Stretchable Wearable Sensor. <i>Advanced Optical Materials</i> , 2021, 9, 2002206.	7.3	34
9	A Compact Sagnac Loop Based on a Microfiber Coupler for Twist Sensing. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2579-2582.	2.5	30
10	Differential twin receiving fiber-optic magnetic field and electric current sensor utilizing a microfiber coupler. <i>Optics Express</i> , 2015, 23, 9407.	3.4	30
11	Twisted black phosphorus-based van der Waals stacks for fiber-integrated polarimeters. <i>Science Advances</i> , 2022, 8, eabo0375.	10.3	30
12	Metallic Grating on a D-Shaped Fiber for Refractive Index Sensing. <i>IEEE Photonics Journal</i> , 2013, 5, 4800706-4800706.	2.0	28
13	Recent Progress in Microfiber-Optic Sensors. <i>Photonic Sensors</i> , 2021, 11, 45-68.	5.0	22
14	Magnetic Field Sensing Based on Multimode Fiber Specklegrams. <i>Journal of Lightwave Technology</i> , 2021, 39, 3614-3619.	4.6	20
15	Multifunctional optical nanofiber polarization devices with 3D geometry. <i>Optics Express</i> , 2014, 22, 17890.	3.4	16
16	PMMA-rod-assisted temperature sensor based on a two-turn thick-microfiber resonator. <i>Journal of Modern Optics</i> , 2016, 63, 159-163.	1.3	12
17	A Flexible Wireless Dielectric Sensor for Noninvasive Fluid Monitoring. <i>Sensors</i> , 2020, 20, 174.	3.8	10
18	Ultracompact Multicore Fiber De-Multiplexer Using an Endface-Integrating Graphene Photodetector Array. <i>ACS Photonics</i> , 2022, 9, 1808-1813.	6.6	8

#	ARTICLE	IF	CITATIONS
19	Miniaturized broadband highly birefringent device with stereo rod-microfiber-air structure. Optics Express, 2012, 20, 28431.	3.4	5
20	Demonstration of a microelectromechanical tunable Fabry-Pérot cavity based on graphene-bonded fiber devices. Optics Letters, 2019, 44, 1876.	3.3	4
21	Lensless Fiber Imaging With Long Working Distance Based on Active Depth Measurement. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-7.	4.7	2
22	Self-Assembled Wavy Optical Microfiber for Stretchable Wearable Sensor (Advanced Optical Materials) Tj ETQq0.0 rgBT /Overlock 1	7.3	1
23	A microfiber-based highly birefringent device. , 2012, , .		0
24	Sensitivity enhancement in photonic crystal fiber interferometer. , 2012, , .		0
25	A compact microfiber coupler based Sagnac loop. , 2013, , .		0
26	Ampere force based magnetic field sensor utilizing a microfiber coupler. , 2014, , .		0
27	Miniaturized stereo fiber devices based on the wrap-on-a-rod technology. , 2015, , .		0
28	Applications in mechanics of microfiber coupler. , 2015, , .		0
29	Single Nanowire Integrated Microfiber Devices. Results in Optics, 2021, , 100199.	2.0	0